

December 9, 2011

Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, S.W.  
Washington, D.C. 20554

**Re: *Ex Parte Communication, Acceleration of Broadband Deployment,*  
WC Docket No. 11-59**

Dear Ms. Dortch:

On December 8, 2011, Robert A. Millar of NextG Networks, Inc. and T. Scott Thompson of Davis Wright Tremaine LLP, outside counsel for NextG, met with Commissioner Robert M. McDowell and Christine D. Kurth, Policy Director and Wireline Counsel for Commissioner McDowell. At the meeting, NextG communicated general background information about NextG and its history and business, following the presentation entitled “Small-Cell Solutions,” a copy of which is attached hereto.

NextG also communicated that it has filed comments in the Commission’s “Acceleration of Broadband Deployment” Notice of Inquiry docket. NextG’s representatives summarized NextG’s comments, communicating that access to public rights of way is critical to NextG’s ability to provide service. In addition, NextG identified as a barrier to deployment the differential treatment of NextG by municipalities compared to other telecommunications providers that have deployed similar facilities in the public rights. In particular, NextG discussed the imposition of traditional zoning requirements intended for tall towers on NextG’s installation of small telecommunications facilities in the public rights of way where other such installations in the public rights of way have not been subject to such zoning requirements. NextG explained that such requirements lead to unreasonable delay in deployment, contrary to Congressional and Commission policies and goals.

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NextG requested that the Commission act quickly on the Acceleration of Broadband Deployment docket and proposed that the Commission use its preemptive authority under 47 U.S.C. § 253 to remedy the municipal barriers to entry faced by NextG.

Respectfully submitted,

/s/ T. Scott Thompson

T. Scott Thompson  
*Counsel for NextG Networks, Inc.*

cc: Christine D. Kurth  
Robert A. Millar

Attachment



**NextG Networks**

## **Small-Cell Solutions**

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Commissioner McDowell  
December 8, 2011

# Roadmap

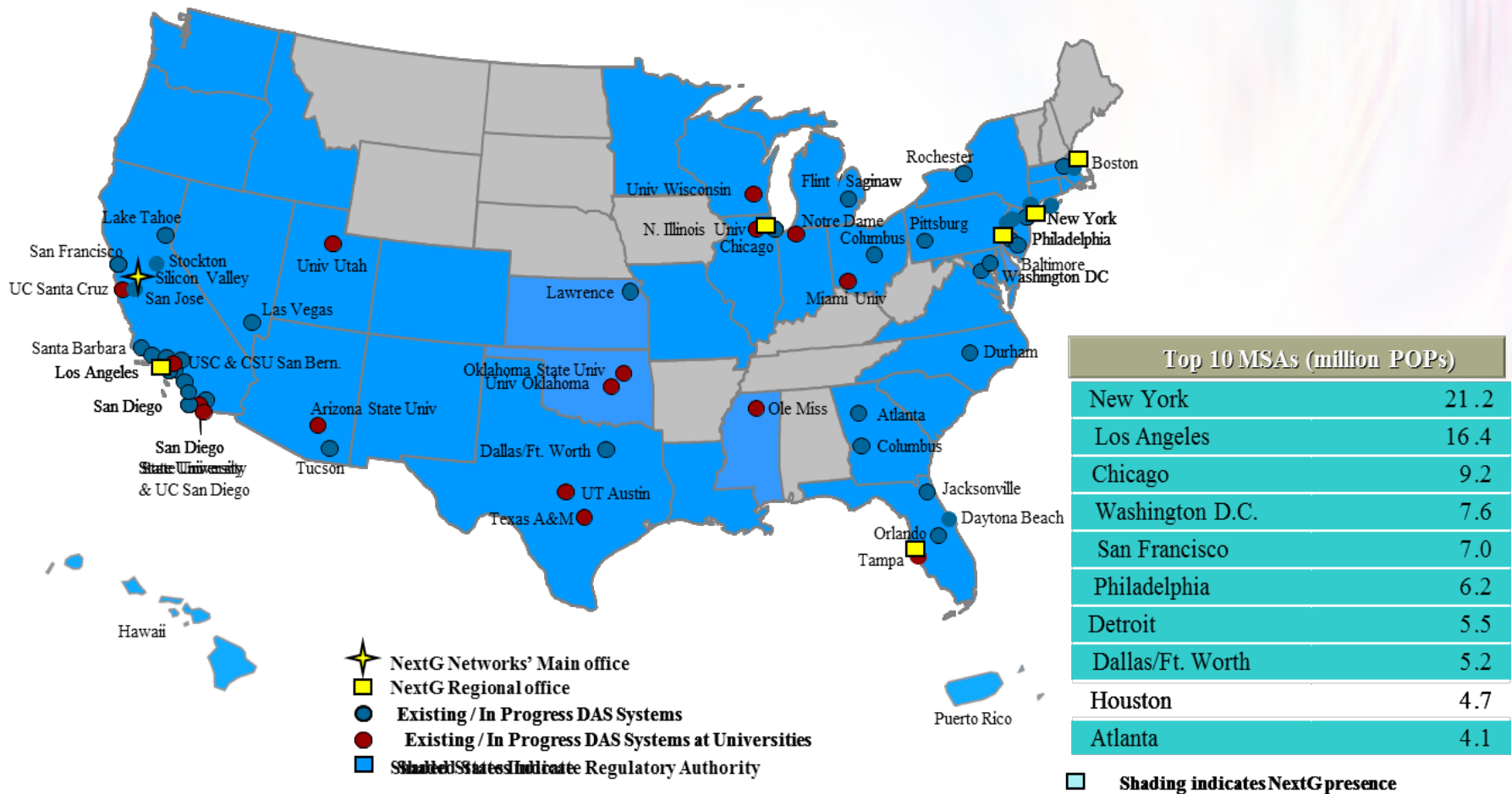
- ✓ NextG Networks
- ✓ The Benefits of DAS and other Small-Cell Solutions
- ✓ The Barriers Facing Deployment
- ✓ Solutions

# Introduction – NextG Networks

- Industry leader for designing, deploying and operating fiber fed small-cell solutions
- Regulatory authority in 35 states + D.C. and Puerto Rico
- NextG has constructed over 6,000 nodes to date with a total of 7,000 nodes under contract (approx 1,000 currently under construction)

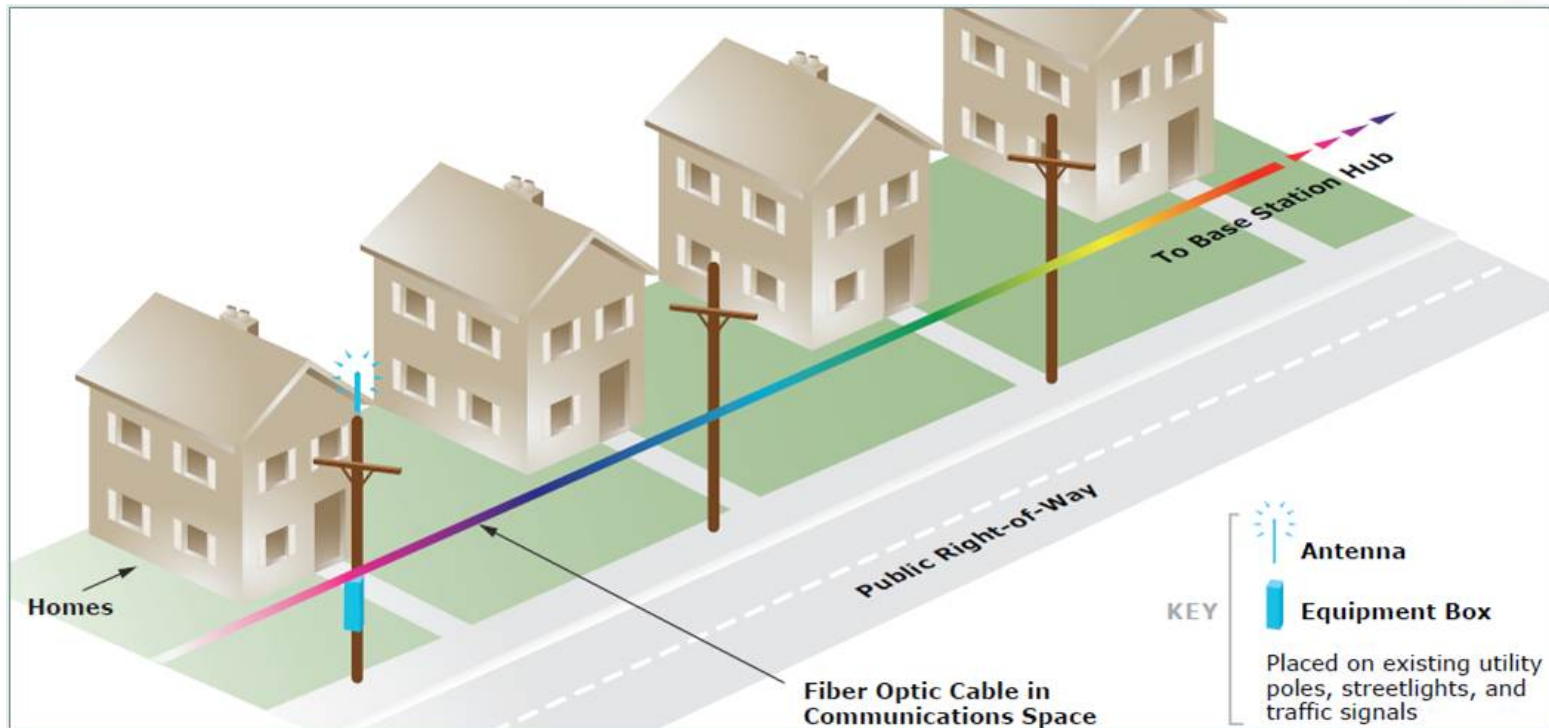


# Introduction – NextG Networks



# What is DAS?

A distributed antenna system (DAS) is a network of spatially-separated antenna nodes connected to a common source via a transport medium. In NextG's case, NextG provides transport service via its DAS network to wireless carriers who use NextG's service and network to provide wireless service within a geographic area or structure. Antenna elevations are generally at or below the clutter level of nearby trees and buildings.



# Benefits of Small-Cell Solutions

- **Coverage:** architecture provides coverage in areas that cannot be effectively addressed with traditional sites.
  - **Capacity:** can closely align capacity to actual market requirements, managing available radio resources.
- **Spectrum:** uses available spectrum efficiently through multiple low-power transmission points.
- **Interference:** reduces interference through low radiation centers and lower output power.
- **Data:** provides better data throughput given signal strength and proximity of transmission points to user equipment.
  - **Scalability:** scalable network that can meet future capacity requirements, or additional carriers, by adding additional nodes.
  - **Adaptability:** can respond to market dynamics, equipment architecture changes and new technologies.



# Pole Attachment Solutions

- **Areas of Concern**
  - **Access**
  - **Timing**
  - **Rates**
  - **Competitive neutrality**



# Contact Information

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